Vi-5995L *Virtual Tape Library*

The Vi-5995L Virtual Tape Library for midrange systems provides an excellent combination of price, performance and scalability. The Vi-5995L is focused on providing centralized management for local and remote tape resources that enables enterprise-wide data management and security strategies for backup and archiving.

Vi-5995L Features

- AS/400 and iSeries operating systems
- No JCL changes
- Redundant Controller Option
- Replication
- Up to 2 wide bus SCSI interfaces
- Up to 4 Fibre channels per Library
- Up to 16,384 logical paths
- Up to 168TB of data storage
- Eliminates cost of storing, handling, transporting and managing tapes
- Eliminates recurring maintenance costs of tape libraries & drives
- Significant reduction in datacenter floor space, electrical usage and HVAC requirements

Virtual Tape Technology

The Vi-5995L Virtual Tape Library is a disk-based storage system that transparently appears to midrange applications as standard 3490/3590 tape drives.

"Virtual Tape" means that there is no physical tape to mount, thereby decreasing mount times dramatically, removing any physical restrictions on the number of drives and eliminating wasted space normally associated with real tapes. The Vi-5995L Library emulates 256 virtual tape drives (32 for SCSI) simultaneously while providing up to 16,384 paths to the virtual drives and up to 168TB of actual virtual tape storage. This benefits both user and MIS Department as midrange applications no longer need to wait for available physical drives.

The Vi-5995L offers redundant, scalable controllers so that there is no single point of failure and coupled with redundant power, the Vi-5995L provides extremely high availability and bandwidth. The redundant controller option allows for increased bandwidth when all controllers are operational, and provides for complete access in the unlikely event that the Library becomes non-operational. All Library/Pool information is maintained across all units allowing complete synchronization with any installed Tape Managers. If redundant controllers are installed when using the Vi-5995L, then the data is constantly replicated between the libraries assuring uninterrupted access to all data.

Configuration

A web-based graphical user interface (GUI) is provided to configure and monitor the Vi-5995L. The GUI can be used to access information such as the current system status and resource usage statistics. This interface has been designed to make more efficient use of a storage administrator's time in configuring and managing the Vi-5995L while also helping reduce the time needed to train new administrators. All status panels are color coded for simple ease of use and determining the current operating status of the Vi-5995L. Establishing libraries/pools as well as configuring paths to the drives is made simple and easy with this intuitive interface.

Vi-5995L Virtual Tape Library

Migration

To ease migration the Vi-5995L will work together with IBM System Storage TS3310. Importantly there is no need to make any changes on the mainframe or the applications to access the Vi-5995L. The Vi-5995L can be installed along side existing tape systems and implemented at your own pace without the need to do a complete conversion.

Vi-5995L Library System Specifications

Supported Operating Systems

- OS/400

Connectivity

- Up to 2 SCSI channels
- Up to 4 Fibre channels
- Up to 16,384 virtual paths

Virtual Tape System

- 256 virtual tape drives emulating 3490/3590 drives
- Any size virtual volumes
- Up to 168TB data storage
- RAID 6 redundancy

Tape Management

- For OS/400: IBM System Storage TS3310 Tape Library

Real Tape and Library Support

- Compatible with Open System Tape libraries through an Open System Backup server

Vi-5995L Library Physical Specifications

Base Chassis

- 19” Rack mount, 4U Height, 27.5” Depth, Weight 104 lbs

Power Supply

- Redundant hot swappable

System Cooling

- Multiple hot swappable Fans

AC Power

- 1100W Output @ 100-140V, 13.5-9.5A, 50-60Hz
- 1400W Output @ 180-240V, 9.5-7.0A, 50-60Hz